

10-6-01

10/24/01  
PTO10/24/01  
PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under  
37 CFR 1.53(b))

|                             |                        |                                                                              |
|-----------------------------|------------------------|------------------------------------------------------------------------------|
| <b>APPLICATION ELEMENTS</b> | Attorney Docket No.    | A52                                                                          |
|                             | First Inventor         | Routkevitch                                                                  |
|                             | Title                  | NANOSTRUCTURED CERAMIC PLATFORM FOR MICRO-MACHINED DEVICES AND DEVICE ARRAYS |
|                             | Express Mail Label No. | EL 791519446 US                                                              |

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form  
(submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27
3.  Specification [ total pages 43 ]  
(preferred Arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claim(s) (37 total; 1 independent)
  - Abstract of the Disclosure
4.  Drawing(s) [ total sheets 7 ]
5.  Oath or Declaration [ total sheets 4 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from prior appl. (37 C.F.R. § 1.63(d))
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. (See 37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (coversheet/document(s))
10.  37 CFR. 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document
12.  IDS & Form 1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)
15.  Certified Copy of Priority Document(s)
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.:   

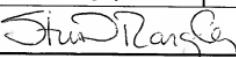
Prior application information: Examiner:    Group/Art Unit:   

FOR CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label **25235** or  Correspondence address below

|         |                              |           |                |     |                    |
|---------|------------------------------|-----------|----------------|-----|--------------------|
| Name    | Stuart T. Langley, Esq.      |           |                |     |                    |
|         | Hogan & Hartson, LLP         |           |                |     |                    |
| Address | 1200 17 <sup>th</sup> Street |           |                |     |                    |
|         | Suite 1500                   |           |                |     |                    |
| City    | Denver                       | State     | CO             | ZIP | 80202              |
| Country | US                           | Telephone | (720) 406-5335 |     | Fax (720) 406-5301 |

|                   |                                                                                     |                  |          |
|-------------------|-------------------------------------------------------------------------------------|------------------|----------|
| Name (Print/Type) | Stuart T. Langley                                                                   | Registration No. | 33,940   |
| (Signature)       |  | Date             | 10/24/01 |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Routkevitch, et al.

Serial No. \_\_\_\_\_

Group Art Unit: [Not Yet Assigned]

Examiner: [Not Yet Assigned]

Filed: Herewith

For: NANOSTRUCTURED CERAMIC  
PLATFORM FOR MICROMACHINED  
DEVICES AND DEVICE ARRAYS

CERTIFICATE OF MAILING BY EXPRESS MAIL

TOMCAT SEARCHER

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

- Utility Patent Application Transmittal (1 page)
- Patent Application (43 pages)
- 7 Sheets of Drawings
- Declaration (unexecuted) (4 pages)
- Certificate of Mailing by Express Mail
- Post Card

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL 791519446 US, with the United States Postal Service, addressed to Box PATENT APPLICATION, The Assistant Commissioner for Patents, Washington, D.C., 10/24/01.

10/24/01  
Date

Stuart Langley  
Mailer

10/24/01  
Date

STUART LANGLEY  
Stuart T. Langley  
Reg. No. 33,940  
HOGAN & HARTSON LLP  
One Tabor Center  
1200 17th Street, Suite 1500  
Denver, Colorado 80202  
(720) 406-5335 Tel  
(303) 899-7333 Fax